Scientific Data Acquisition Programmer & Analyst
Comp. #700

TRIUMF is Canada's particle accelerator centre, and one of the world's leading laboratories for particle and nuclear physics and accelerator-based science. We are an international centre for discovery and innovation, advancing fundamental, applied, and interdisciplinary research for science, medicine, and business.

At TRIUMF, we're passionate about accelerating discovery and innovation to improve lives and build a better world. Equity, diversity, and inclusion are integral to excellence and enhance our ability to create knowledge and opportunity for all. Together, we are committed to building an inclusive culture that encourages, supports, and celebrates the voices of our employees, students, partners, and the people and communities we serve.

We are currently accepting applications for a scientific programmer and analyst who will join the Data Acquisition Group in supporting the various experimental programs and groups at TRIUMF, including TITAN and CMMS. Additional responsibilities will include providing overall computing system support and maintenance tasks for the Science Technology Department. Specific responsibilities include:
- Linux system administration.
- Participating in the development and maintenance of the custom DAQ system MIDAS software package.
- Developing web tools and scripts.
- Assisting with design and commissioning for various local and offsite experiments.
- Maintaining proper documentation on all aspects of their work for operation and traceability.

This is an ideal opportunity for a resourceful individual who is eager to contribute to projects and shows initiative in their work. You have a positive attitude and good team spirit and demonstrate a sense of timeliness in your tasks. Your other qualifications include:
- A BSC in Computer Science, Physics, Engineering Physics or equivalent and 5 years of experience in the field of experimental physics.
- Working knowledge of Linux system administration. Experience with MacOS and Windows is a plus.
- Proficient in programming languages: C, C++, JavaScript, HTML, CSS, Python, Perl.
- Strong experience in web-based development.
- Familiarity with techniques of particle detection is a plus.
- Knowledge of the MIDAS DAQ systems would be an asset to your application.

Applicants must be legally able to work in Canada on a permanent basis (Canadian Citizen or Permanent Resident).

TRIUMF is located on the south campus of the University of British Columbia in Vancouver, BC. We offer a competitive total compensation package, including comprehensive benefits, attractive salary, and an excellent opportunity to enhance your career portfolio in a high profile national research facility.

TRIUMF is an equal opportunity employer, and we welcome applications from all qualified candidates. Your complete application package should be submitted by email to recruiting@triumf.ca and will include the following in one complete PDF file:

- Subject line: Competition 700
- Employment Application Form
- Cover letter indicating salary expectations
- CV

Applications will be accepted until 2019-04-02